

Serial No. 10/043,224

Amendments to the Claims

The following listing of claims replaces all previous versions, and listings, of claims in this application.

Please cancel claims 1-3, 6, 12, 13 and 17 without prejudice or disclaimer.

1-3. (Canceled).

4. (Currently Amended) ~~The electronic control unit as in claim 1, wherein~~ An electronic control unit to be carried by a conveyor having a conveyor passage, the electronic control unit comprising:

a substantially box-shaped case having a bottom opening;

a bottom cover for closing the bottom opening of the case; and

a circuit board having electronic components mounted thereon, the circuit board being contained in a space formed by the case and the bottom cover, wherein:

side stays extending to both sides of the bottom cover are formed integrally with the bottom cover, each side stay having a predetermined width suitable for mounting the electronic control unit on a vehicle and including a bent portion bent upward from the side stay, and

a first rib perpendicularly extending from the side of the bottom plate is formed on the side stay.

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5. (Currently Amended) The electronic control unit as in claim 4, wherein:

a second rib is formed along the side of the bottom cover, so that the second rib is positioned inside the case when the bottom cover is connected to the case to close the bottom opening of the case.

6. (Canceled)

7. (Original) An electronic control unit comprising:

a substantially box-shaped case having a bottom opening;

a bottom cover for closing the bottom opening of the case; and

a circuit board having electronic components mounted thereon, the circuit board being contained in a space formed by the case and the bottom cover, wherein:

side stays extending to both sides of the bottom cover are formed integrally with the bottom cover; and

a first rib extending to the substantially same direction to which the side stay extends is formed on each side stay.

8. (Original) The electronic control unit as in claim 7, wherein:

a portion for engaging with the first rib is formed on a fringe defining the bottom opening of the case, so that the bottom cover is correctly connected to the case at a predetermined position.

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9. (Original) The electronic control unit as in claim 8, wherein:

the first rib is formed in a convex shape, and the engaging portion is formed in a depressed shape corresponding to the convex shape of the first rib.

10. (Original) The electronic control unit as in claim 7, wherein:

a second rib is formed along the side of the bottom cover, so that the second rib is positioned inside the case when the bottom cover is connected to the case to close the bottom opening of the case.

11. (Original) The electronic control unit as in claim 10, wherein:

the second rib is formed in a convex shape, so that the second rib prevents foreign particles from entering into an inside space of the electronic control unit.

12-13. (Canceled)

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14. (Currently Amended) ~~The casing of claim 13,~~ A casing for an electronic control unit comprising:

a case defining a bottom opening;

a bottom cover for closing the bottom opening;

a side stay formed integrally with the bottom cover and including an upwardly extending bent portion,

wherein the bottom cover further comprises:

a first rib formed on the side stay and that extends perpendicularly from a side of the bottom cover; and

a second rib formed on the side of the bottom cover so that the second rib is positioned inside the case when the bottom cover is connected to the case to close the bottom opening.

15. (Previously Added) The casing of claim 14, wherein the first rib is formed in a convex shape.

16. (Previously Added) The casing of claim 14, wherein the second rib is formed in a convex shape.

17. (Canceled)